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D Erdogmus, KE Hild, YN **Rao**, JC Principe - Neural Computation, 2004 - MIT Press

... where is a small **step size**. ... of constraints, the gradient for the **cost function** in equation ... or supergaussianity to adjust the **update direction** accordingly, we ...

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... a one- step backward-horizon **cost function**, whose gradient provides an **update direction** for modifying the feedback gain matrix. The **step size** in the gradient ...

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Lyapunov-based backward-horizon adaptive stabilization

R Venugopal, VG **Rao**, DS Bernstein - International Journal of Adaptive Control and Signal ..., 2003 - [doi.wiley.com](#)

... The gradient of the **cost function** with respect to the gain matrix at the previous time step provides an **update direction**, while the **step-size** in the gradient ...

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D ERDOGMUS, J PRINCIPE, Y **RAO** - WO Patent 2,004,090,782, 2004

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Accurate linear parameter estimation with noisy inputs

D Erdogmus, JC Principe, YN **Rao** - US Patent App. 10/814,441, 2004 - Google Patents

... a **step-size** and a model **update direction**; and (e ... said updating step is dependent upon the **step size**. ... step (c) further comprising using a **cost function** denned by ...

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On the convergence of SIPEX: a simultaneous principal components extraction algorithm - [columbia.edu](#) (PDF)

D Erdogmus, Y **Rao**, MC Ozturk, L Vielva, JC ... - Acoustics, Speech, and Signal Processing, 2003. Proceedings. ..., 2003 - [ieeexplore.ieee.org](#)

... on approximations to the Hessian of the **cost function**. ... hand, in SIPEX-H, the **update direction** is different ... are in its neighborhood, the **step size** must satisfy ...

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